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# Validation of the Name *Pararuellia alata* (Acanthaceae)

Deng Yunfei

South China Botanical Garden, The Chinese Academy of Sciences, Guangzhou 510650,  
People's Republic of China. yfdeng@scbg.ac.cn

Thomas F. Daniel

Department of Botany, California Academy of Sciences, 875 Howard Street, San Francisco,  
California 94103, U.S.A. tdaniel@calacademy.org

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ABSTRACT. During preparation of a treatment of Acanthaceae for the *Flora of China*, it was determined that *Pararuellia alata* H. P. Tsui from Yunnan, China, was not validly published because the herbarium in which the type is conserved was not specified. The name is herein validated with the herbarium now specified. The species can be distinguished from other Chinese *Pararuellia* Bremekamp by its winged inflorescence rachis.

*Key words:* Acanthaceae, *Pararuellia*.

*Pararuellia* Bremekamp (Acanthaceae, Ruellieae) consists of about 10 species that occur in southeastern Asia and insular Malesia (Bremekamp & Nannenga-Bremekamp, 1948; Hossain, 1973; Mabberley, 1997; Tsui, 2002). In China, Tsui (2002) recognized four species: *P. alata* H. P. Tsui, *P. cavaleriei* (H. Léveillé) E. Hossain, *P. delavayana* (Baillon) E. Hossain, and *P. hainanensis* C. Y. Wu & H. S. Lo. Among these, *P. alata* was described as a new species in the addenda to volume 70 of the *Flora Reipublicae Popularis Sinicae*, but the herbarium in which its type is conserved was not specified. According to Article 37.7 of the *International Code of Botanical Nomenclature* (McNeill et al., 2006), in order to effect valid publication on or after 1 January 1990 for the name of a new species or infraspecific taxon whose type is a specimen or unpublished illustration, the herbarium or institution in which the type is conserved must be indicated. Therefore, Tsui's *P. alata* was not validly published, despite meeting all of the other requirements for publication of this new taxon. Because this species will be recognized in the forthcoming account of Acanthaceae for the *Flora of China*, it is necessary to validate Tsui's name in accordance with the Code, Article 46.2 (Ex. 9), which permits retention of the original authorship. Tsui did include a Latin description in 2002, which constitutes the validating reference, sensu the Code's Art. 36.1.

***Pararuellia alata*** H. P. Tsui, sp. nov. *Pararuellia alata* H. P. Tsui in C. C. Hu & H. P. Tsui, Fl. Reip. Pop. Sin. 70: 346. 2002, nom inval. TYPE: China. Yunnan: Shuangjiang xian, 14 Sep. 1957, *Xin Jingsan 916* (holotype, PE; isotype, KUN). Figure 1.

This species, which is known only from Yunnan, China, is readily distinguished from other Chinese *Pararuellia* by its winged inflorescence rachis. Figure 1 shows the holotype with a detail of the winged rachis.

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 產地 雙江縣-區 謙信寺高峽  
 芒那 海拔高度 500m  
 環境 江邊 疏林下 沙地  
 習性 草本  
 體高 ..... 胸高直徑 .....  
 樹皮 .....  
 葉 .....  
 花 淡紅色  
 果 綠色  
 其他 葉見  
 俗名 ..... 科名 Acanthaceae  
 學名 .....  
 採集人 辛景三



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Typus!

*Pararuellia alata* Tsiang sp. nov.

定名人 花鳴喜

1984年5月24日

*Ruellia flagelliformis* Roxb.

定名人 湯

1979年9月1日

*Ruellia drymophila* (Diels) H.-M.

定名人 K. S. Chow

1964年6月22日

Figure 1. Photograph of holotype at PE of *Pararuellia alata* (Xin Jingshan 916) with enlargement showing the winged inflorescence rachis.